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U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE ne Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number. **Application Number** 10/749,802 Filing Date TRANSMITTAL December 31, 2003 First Named Inventor **FORM** Yan Zhou Art Unit

2614 **Examiner Name** Singh, Ramnandan P. (to be used for all correspondence after initial filing) Attorney Docket Number 75622P006601 Total Number of Pages in This Submission

ENCLOSURES (Check all that apply)							
		smittal Form	Drawing(s) After Allowance Communication to TC Appeal Communication to Board of Appeals and Interferences				
	Amendment/Reply After Final Affidavits/declaration(s) Extension of Time Request Express Abandonment Request		Petition Petition Petition to Convert to a Provisional Application Power of Attorney, Revocation Change of Correspondence Address Terminal Disclaimer Request for Refund CD, Number of CD(s) Landscape Table on CD Remarks Check #2115 in the amount of \$180 is enclosed for an IDS submission per §1.97(c) Appeal Communication to TC (Appeal Notice, Brief, Reply Brief) Proprietary Information Proprietary Information Change of Correspondence Address Other Enclosure(s) (please Identify below): - RETURN RECEIPT POSTCARD - Check #2115 for \$180 - 4 non-US-patent cited references				
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Pirm Name Davis & Associates		Davis & Associates					
Signature		William Dans					
Printed name		William D. Davis					
Date		October 09, 2006	6 Reg. No. 38,428				

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75622P006601 Patent

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In Re Application of:

Yan Zhou

Application No:

10/749,802

Filed: December 31, 2003

For:

SUBSCRIBER LINE INTERFACE

CIRCUITRY WITH CURRENT DRIVERS FOR DOWNSTREAM VOICE AND DATA SIGNALS Examiner: Singh, Ramnandan

Group Art Unit: 2614

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INFORMATION DISCLOSURE STATEMENT

Pursuant to 37 C.F.R. § 1.97, this Information Disclosure Statement is submitted under one of the following (as indicated by the "X"):

	37 C.F.R. §1.97(b).
\boxtimes	37 C.F.R. §1.97(c). If so, then enclosed with this Information Disclosure Statement is <u>one</u> of the following:
	 A certification pursuant to 37 C.F.R. §1.97(e) or A check for \$180 for the fee under 37 C.F.R. § 1.17(p).
	37 C.F.R. §1.97(d). If so, then enclosed with this Information Disclosure Statement are the following:
	 (1) A certification pursuant to 37 C.F.R. §1.97(e); (2) A petition requesting consideration of the Information Disclosure Statement; and
	(3) A check for \$ for the fee under 37 C.F.R. §1.17(i) for submission of the Information Disclosure Statement.
	37 C.F.R. §1.97(i). This information disclosure statement is submitted prior to issuance of a patent and applicant requests this statement, the information disclosure citation form, and any

accompanying references to be placed in the file pursuant to 37 C.F.R. § 1.97(i).

Enclosed is a copy of Information Disclosure Citation Form, submitted pursuant to 37 C.F.R. §§ 1.56, 1.97, and 1.98, together with copies of any documents cited on that form other than U.S. patent documents. Applicant respectfully requests that the cited documents be considered and that the enclosed Information Disclosure Citation Form be initialed by the Examiner to indicate such consideration and a copy thereof returned to applicant.

Pursuant to 37 C.F.R. § 1.97, the submission of this Information Disclosure Statement is not to be construed as a representation that a search has been made and is not to be construed as an admission that the information cited in this statement is material to patentability.

If there are any issues that can be resolved by telephone conference, the Examiner is respectfully requested to contact the undersigned at **(512) 858-9910**.

Respectfully submitted,

Date Databer 09 2006

William D. Davis Reg No. 38,428

P.O. Box 1093 Dripping Springs, TX 78620 (512) 858-9910

Docket No.: 75622P006601

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INFORMATION DISCLOSURE

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Application Number	10/749,802		
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First Named Inventor	Yan Zhou		
Group Art Unit	2614		
Examiner Name	Ramnandan Singh		
Attorney Docket Number	75622P006601		

				U.S. PATENT DOCUMEN	TS	
Examiner Initials	Cite No.1	U.S. Patent Doo Number	Kind Code ² (if known)	Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MMM-DD-YYYY	Pages, Columns, Lines Where Relevant Passages or Relevant Figures Appear
		5,329,588	Α	Wilcox, et al.	Jul-23-1994	
		5,452,345	Α	Zhou, et al.	Sep-19-1995	
		5,835,533	Α	Booth, et al.	Nov-10-1998	
		5,930,340	Α	Bell	Jul-27-1999	
		6,226,331	B1	Gambuzza	May-01-2001	
		6,295,343	B1	Hjartarson, et al.	Sep-25-2001	
		6,424,636	B1	Seaholtz, et al.	Jul-23-2002	
		6,674,845	B2	Ayoub, et al.	Jan-06-2004	
		6,735,302	B1	Caine, et al.	May-11-2004	
		6,895,040	B2	Zhou	May-17-2005	
		6,944,213	B2	Lee	Sep-13-2005	
		6,990,191	B2	Anderson, et al.	Jan-24-2006	
		2002/0114444	A1	Anderson, et al.	Aug-22-2002	
		2005/0141536	A1	Zhou	Jun-30-2005	
		2005/0147232	A1	Zhou	Jul-07-2005	
		2005/0147234	A1	Zhou	Jul-07-2005	
		2005/0152533	A1	Zhou	Jul-14-2005	
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	FOREIGN PATENT DOCUMENTS							
	Cite No.¹	Foreign Patent Document			Date of Publication	Pages, Columns, Lines Where Relevant		
Examiner Initials		Office ³	Number ⁴	Kind Code ⁵ (if known)	Name of Patentee or Applicant of Cited Document	of Cited Document MM-DD-YYYY	Passages or Relevant Figures Appear	T⁵
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*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

'Unique citation designation number. 'See attached Kinds of U.S. Patent Documents. 'Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). 'For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. 'Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. 'Applicant is to place a check mark here if English language Translation is attached.

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(use as many sheets as necessary)

Sheet	2 .	of	2

Complete if Known			
Application Number	10/749,802		
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First Named Inventor	Yan Zhou		
Group Art Unit	2614		
Examiner Name	Ramnandan Singh		
Attorney Docket Number	75622P006601		

		OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS	
title of the item (book, magazine, journal, serial, symposiu		Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T²
		INFINEON TECHNOLOGIES, "Product Brief: GEMINAX Global Enhanced Multiport Integrated ADSL Transceiver", Infineon Technologies AG, Germany (2001)	
		INFINEON TECHNOLOGIES, "Product Brief: GEMINAX ADSL Transceiver Chipset", Infineon Technologies AG, Germany (2001)	
		INFINEON TECHNOLOGIES, "Press Release: Infineon Technologies Introduces the IVAX Family - the First Chipset to Integrate Voice and Fullrate ADSL on a Single Line Card", Infineon Technologies AG, Germay (May 15, 2001)	
		PESSL, PETER, ET AL. "A four channel Integrated Voice and ADSL Full-Rate Analog Front End", 27th European Solid-State Circuits Conference, Villach, Austria, September 18-20, 2001	
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Examiner	Date	
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